



ISARC

4. INTERNATIONAL SCIENCES
AND INNOVATION CONGRESS

19-20 FEBRUARY 2022

ANKARA

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Önemli, Dikkatle Okuyunuz Lütfen

- ❖ Kongremizde Yazım Kurallarına uygun gönderilmiş ve bilim kurulundan geçen bildirimler için online (video konferans sistemi üzerinden) sunum imkanı sağlanmıştır.
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- ❖ Tüm kongre katılımcıları canlı bağlanarak tüm oturumları dinleyebilir.
- ❖ Moderatör – oturumdaki sunum ve bilimsel tartışma (soru-cevap) kısmından sorumludur.

Dikkat Edilmesi Gerekenler- TEKNİK BİLGİLER

- ◆ Bilgisayarınızda mikrofon olduğuna ve çalıştığına emin olun.
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- ◆ Kongre programında yer ve saat değişikliği gibi talepler dikkate alınmayacaktır

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- ❖ The participant must be connected to the session 5 minutes before the presentation time.
- ❖ All congress participants can connect live and listen to all sessions.
- ❖ Moderator is responsible for the presentation and scientific discussion (question-answer) section of the session.

Points to Take into Consideration - TECHNICAL INFORMATION

- ◆ Make sure your computer has a microphone and is working.
- ◆ You should be able to use screen sharing feature in Zoom.
- ◆ Attendance certificates will be sent to you as pdf at the end of the congress.
- ◆ Requests such as change of place and time will not be taken into consideration in the congress program.

ÖNEMLİ NOT: SUNUMLARINIZI HEM TÜRKÇE HEM İNGİLİZCE HAZIRLAMANIZI RİCA EDERİZ.



19.02.2022
SATURDAY/ 10:00-12:00

SESSION -1 HALL -1
MODERATOR: Assoc. Prof. Dr. Cenk YAVUZ

AUTHORS	AFFILIATION	TOPIC TITLE
Assist. Prof. Dr. İpek AYTAÇ	University of Turkish Aeronautical Association	Determination Of The Thermophysical Properties Of Nanofluids Using Models In The Literature
Resc. Assist. PhD, Oğuz ÖZTÜRK	Çanakkale Onsekiz Mart University	First Orbital Period Analyzes Of Eclipsing Binary Star Systems V440 And V600 And
Emre BEYAZAY Zeynep GÜVEN ÖZDEMİR	Yildiz Technical University	Improvement Of The Electrical Properties Of Polycarbazole By Reinforcement Of It With Barium Oxide Nanoparticles
Aykut KIZKIN Assoc. Prof. Dr. Cenk YAVUZ	Sakarya University	Evaluation Of Greenhouse Gas Emissions In Terms Of Hydroelectric And Bioenergy, Which Are Renewable Energy Sources
Touraj FARSADI Davood ASADI	Adana Alparslan Türkeş Science and Technology University	Nonlinear Frequency Analysis Of Functionally Graded Multilayer Graphene Platelet-Reinforced Polymer Cylindrical Panels
Eyyup Ensar BAŞAKIN Mehmet ÖZGER	İstanbul Teknik Üniversitesi	Using Neighboring Stations To Impute Missing Solar Radiation Data
Eyyup Ensar BAŞAKIN Mehmet ÖZGER	İstanbul Teknik Üniversitesi	Investigation Of The Methods Utilized To Complete The Solar Radiation Data
Nazım ERKOTA L. Özlem Karaca AKKAN	Dokuz Eylül University	Bluetooth Technology Usage In Healthcare
Cihat MEŞE Prof. Dr. Bilge ALBAYRAK ÇEPER	Erciyes University	Numerical Investigation Of Alternative Fuels In A Model Gas Turbine



19.02.2022
SATURDAY/10:00-12:00

SESSION-1 HALL -2
MODERATOR: Dr. Bahar ALTUNOK

AUTHORS	AFFILIATION	TOPIC TITLE
Yunus GÖRKEM Şekip Esat HAYBER	Kırşehir Ahi Evran University	Fiber Optic Three-Dimensional Displacement Sensor
Mechanical Eng. Yeliz CAN Prof. Dr. Fahrettin OZTURK Mechanical Eng. Faruk OĞUZ	Ankara Yıldırım Beyazıt University/ Turkish Aerospace Industries Inc.	Analysis Of Plug Repair Technology In Composite Structures
Assoc. Prof. Dr. Andaç Batur ÇOLAK	Niğde Ömer Halisdemir University	Analysis Of Viscous Dissipation Effects Of Copper-Polyvinyl Alcohol Jeffrey Nanofluid With Multi-Layer Neural Networks On Magnetohydrodynamic Heat Transfer Flow
Süleyman ERTEN Melis ÖDER Fatma Nur ERDOĞMUŞ	Nurdil Teknik Soğutma A.Ş.	Effects Of The Defrost Process On Heat Transfer In An Industrial Refrigerator
Resc. Assist. Ömer EKMEKÇİOĞLU Mehmet ÖZGER	Istanbul Technical University	Multi-Criteria Decision-Making Applications In Flood Mapping Domain
Muhittin BAYRAM	Dicle University	Short-Term Entropy-Based Analysis Of Resting-State Eeg Signals
Mustafa DİNEK Assoc. Prof. Dr. Serhat İKİZOĞLU Ersen PESEN	Çukurova Makine İmalat ve Ticaret A.Ş.	State Of Health Estimation In Electric Vehicles Based On Artificial Neural Network
Assist. Prof. Dr. Yakup YÜREKTÜRK Ebru Devrim ŞAM PARMAK Melike ARSLANHAN	Bursa Technical University	Surface Properties Of 316 L Stainless Steel By A TiO ₂ Nano Coating Prepared By Sol-Gel Method
Büşra TURHAN TUTAL	Marmara University	Digital Games And The Digital Experience Of The Body



19.02.2022
SATURDAY/ 12:00-14:00

SESSION-2 HALL -1
MODERATOR: Assoc. Prof. Dr. Ayşe SANDIKÇI

AUTHORS	AFFILIATION	TOPIC TITLE
Assoc. Prof. Dr. Ayşe SANDIKÇI	Ondokuz Mayıs University	On Some Properties Of A Fractional Segal Algebra
Assist. Prof. Dr. Elif UZUN KART	Marmara Üniversitesi	Investigation And Comparison Of Hematization And Sulphation Acid Baking Behaviour Of Copper Smelter Slag Flotation Tailings
Şeyma BİBER TEMİRCİK	Kahramanmaraş Sütçü İmam University	Comparison Of Radiation Transmittance Of Eyeglass And Various Glasses
Bayram ÜNAL Yasin Ramazan EKER Hakan Burak KARADAĞ	Necmettin Erbakan University	Recovery Of Rare Earth Elements In Bauxite Residue By Direct Leaching Method
Oğulcan Bartu ÇETİN Assist. Prof. Dr. Ermedin TOTİÇ	Bartın Üniversitesi	Investigation Of The Usage Of Tuff And Blast Furnace Slag In Improvement Of Soft Clay Soils By Deep Mixing Method
Assist. Prof. Dr. Saniye TEKEREK	Kahramanmaraş Sütçü İmam University	Investigation Of Radiation Interaction Parameters Of Iron Based Shape Memory Alloys By Using Phy-x/PSD And WinXCOM Software
Assist. Prof. Dr. Ömer ZOR	Bursa Technical University	Material Derivative In The Presence Of Dyons And Symmetric Microscopic Maxwell Equations
Assist. Prof. Dr. Ömer ZOR	Bursa Technical University	Expanded Lorentz Force Equation In The Presence Of Dyons



19.02.2022
SATURDAY/ 12:00-14:00

SESSION-2 HALL-2
MODERATOR: Prof. Dr. MURAT YAZICI

AUTHORS	AFFILIATION	TOPIC TITLE
İsmail TEMİZ Halil KILIÇ Mehmet SARI	Marmara University	Smart Grid Analysis By Using Renewable Energy Sources For Basibuyuk Campus Of Marmara University
Aycan KARAMAN Prof. Dr. MURAT YAZICI	Bursa Uludag University	Investigation Of The Self-Healing Feature Of Continuous Carbon Fiber Reinforced Polypropylene Composites By Joule Effect
Eng. Safa KORKMAZ	SERANIT GRANIT CERAMIC A.Ş, Product Development & Design Center,	Yanmış Ahşap Kömür (Charcoal) Yüzeyinin Porselen Karo Yüzeyinde Geliştirilmesi
Assist. Prof. Dr. Aslıhan KORUYUCU Betül ÖRS TÜRKMEN	Namık Kemal University/ Zeynar Mensucat Sanayii, Ergene, Tekirdağ	Improvement Of Light, Perspiration-Light Fastness Of Cotton Fabrics Dyed With Reactive Dyestuff In Azo, Anthraquinone And Formazone Chromophore Groups
Dr. Ali BOZDAĞ Prof. Dr. Osman GÜNAYDIN Prof. Dr. Mustafa FENER Assoc. Prof. Dr. İsmail İNCE	Konya Technical University/ Adıyaman University/ Ankara University	Predicting The Abrasion Resistance Of The Building Stones By Using Gene Expression Programming
Umut KURAN Emre Can KURAN Mehmet Bilal ER	Harran University/ Bandırma Onyedli Eylül University	Enhancement Of Microscopic Images Using Deblurring Generative Adversarial Networks And Exposure Based Sub-Image Histogram Equalization Methods
Assist. Prof. Dr. Gökhan ÖZTÜRK	Ataturk University	Metasurface Microwave Polarization Converter For S Band Applications
Dr. Recep Çağrı ORMAN	Gazi University	Performance Assessment Of Gasoline Two-Stroke Engine Cycles



19.02.2022
SATURDAY/ 14:00-16:00

SESSION-3 HALL-1
MODERATOR: Prof. Dr. Zeliha GÖKBAYRAK

AUTHORS	AFFILIATION	TOPIC TITLE
Dr. Ali KARANFİL Dr. Filiz RANDA ZELYÜT Prof. Dr. Savaş KORKMAZ	Çanakkale Onsekiz Mart University/ Bilecik Bilecik Şeyh Edebali University	Determination Of Rhizomania Disease From Spinach Fields Of South Marmara Region In Turkey
Dr. Ufuk YILMAZ	Kahramanmaraş Sütçü İmam University	Advantages Of Hexachrome Printing Over Trigrömy Print And Reasons For Hexachrome Print To Be Uncommon
Hakan ENGİN Prof. Dr. Zeliha GÖKBAYRAK	Çanakkale Onsekiz Mart University	Effect Of Homobrassinolide And Epibrassinolide Applications On Dwarfing Walnut
Naciye Deniz DEVAM Prof. Dr. Çetin ILGAZ Prof. Dr. Yusuf KUMLUTAŞ Lect. Dr. Elif YILDIRIM CAYNAK Lect. Dr. Kamil CANDAN	Dokuz Eylül University	Determination Of Body Size And Age Structure In Individuals Belonging To The Population Of <i>Acanthodactylusschreiberi</i> Boulenger,1878
Yüksek Ziraat Müh. Ali TUTUŞ Assoc. Prof. Dr. Ruhan İlknur GAZİOĞLU ŞENSOY	Van Yüzüncü Yıl University	The Effects Of Different Pruning Charges And Plant Nutrition Applications On Yield And Quality In Ercis Grape Cultivar (<i>Vitis vinifera</i> L.)
Assoc. Prof. Dr. Mehmet Fırat BARAN	Siirt University	Ankara İlinin Hayvansal Atıklardan Elde Edilebilecek Enerji Potansiyeli
Emine Burcu TURGAY	Field Crops Central Research Institute	Climate Change Situation Of Karnal Bunt (<i>Tilletia indica</i>) Affecting Global Wheat Trade



19.02.2022
SATURDAY/ 14:00-16:00

SESSION-3 HALL-2
MODERATOR: Assist. Prof. Dr. Mithat DİREK

AUTHORS	AFFILIATION	TOPIC TITLE
Zureguli HALIKE Assist. Prof. Dr. Mithat DİREK	Selçuk University	Population Growth And Its Characteristics In The People's Republic Of China
Dr. Serhan CANDEMİR	East Mediterranean Transitional Zone Agricultural Research of Institute	Public Transfers To The Agricultural Production In Turkey
Assist. Prof. Dr. Çiğdem GÖZEL	Çanakkale Onsekiz Mart University	Responses Of Melatonin Treated Tomato Plants Against Root-Knot Nematode <i>Meloidogyne Incognita</i> (Kofoid & White, 1919) Chitwood
Sebahattin KARABULUT	Sivas Cumhuriyet University	<i>Galium Aparine L.</i> , Protects Against Paracetamol-Induced Hepatotoxicity In Rats
Assist. Prof. Dr. Sevgi TOKGÖZ GÜNEŞ	Dokuz Eylül University	Evaluation Of Water Resources And Quality Of Life In The Context Of Climate Change
Assist. Prof. Dr. Sevgi TOKGÖZ GÜNEŞ	Dokuz Eylül University	Evaluation Of Upflow Anaerobic Filter Performance At Ambient Temperature
Gizem BAŞER Gazi GÖRÜR Özhan ŞENOL Hayal AKYILDIRIM BEĞEN Bengisu Venhar AKÇAY	Niğde Ömer Halisdemir University	The Aphid Species (<i>Hemiptera: Aphidoidea</i>) Determined On Coniferous Trees In Karaman Province



19.02.2022
SATURDAY/ 14:00-16:00

SESSION-3 HALL-3
MODERATOR: Dr. Bahar ALTUNOK

AUTHORS	AFFILIATION	TOPIC TITLE
Ananda MAJUMDAR	The University of Alberta, Canada	Narrative Of Indigenous Community In Canada
Assist. Prof. Dr. Mine SULAK	Pamukkale University	Investigation And Comparison Of The Cytotoxic And Apoptotic Effects Of Metal Oxide Nanoparticules Obtained By Biosynthesis On Cancer Cells
Assist. Prof. Dr. Gülden ASAN	Hitit University	Effect Of Borax On Brass Corrosion
Aparıcı Elmi İşçi Vefa CAFEROVA	Ekonomik Reformlar Bilimsel Araştırma Enstitüsü	Antwerp Chemical And Petrochemical Cluster
Assoc. Prof. Dr. Osman YOKUŞ Dr.Zeynep BAŞAKIN	University of Health Sciences, İstanbul Training and Research Hospital	Effect Of FLT3, NPM1 AND CEBPA Mutations On Survival In Elderly Acute Myeloid Leukemia Patients
Assist. Prof. Dr. Ömer ACER	Siirt University	<i>Saphylococcus Aureus</i> Strain Csr1, Petroleum-Degrading Bacterium Isolated From Petroleum-Contaminated Soil In Diyarbakir, In The Southeast Of Turkey
Ümit ARSLAN	Sağlık Bakanlığı	Evaluation Of Air Ambulance Services
Assist. Prof. Dr. Sevinç AYDIN	Munzur University	The Protective Effects Of Silibinin On Vitamin And Sterol Levels In The Brain Tissues Of Rats Applied Cobalt
İsmail ÇELİK	Erciyes University	Analysis Of SARS-CoV-2's Omicron And Delta Variants Infection Contagion Rate With Computer Simulations
Resc. Assist. Tuba UNVER Assoc. Prof. Dr. Ayse Sebnem ERENLER	Inonu University/ Malatya Turgut Ozal University,	Mechanisms Of Action Of Antifungal Agents On Pathogenic Or Opportunistic Yeast Strains
Assist. Prof. Dr. İbrahim IŞIK	İnönü University	Modeling Of Alzheimer Disease Using Molecular Communication Systems With Artificial Neural Network
Assist. Prof. Dr. Burçin ÖZÇELİK Prof. Dr. Gülberk UÇAR	Hitit University/ Hacettepe University	Development And Characterization Of Anti-Metastatic Nanoformulations
Dr. Begümhan TURGUT	-----	Wearable Technologies: Healthcare For The Aging Population